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ABSTRACT OF THE DISCLOSURE

An image processing apparatus includes recording unit which has recorded image information appended with quantized space information in units of pixels; setting unit for setting a sampling rate in accordance with moving speed in a virtual space; reconstruction unit for reconstructing an image by reading out image information from the recording unit in accordance with the sampling rate set by the setting unit, and interpolation unit for interpolating pixels at empty pixel positions to obtain a resolution of an image required for display when the reconstruction unit reconstructs the image at a resolution lower than the resolution of the image required for display.